We claim:

1. An apparatus comprising:

pseudo skin; and

a palpation module, wherein said palpation module is disposed beneath said pseudo skin, and wherein said palpation module enables a user to palpate a pseudo vein.

- **2.** The apparatus of claim 1 wherein said palpation module measures a change in position of said pseudo vein.
- **3.** The apparatus of claim 1 wherein said palpation module is operable to vary a simulated stiffness of said pseudo vein.
- **4.** The apparatus of claim 1 wherein said palpation module comprises said pseudo vein.
- **5.** The apparatus of claim 4 wherein said pseudo vein yields to applied palpation pressure, such that it moves downward.
 - **6.** The apparatus of claim 4 wherein said pseudo vein comprises a rigid member.
- **7.** The apparatus of claim 6 wherein said palpation module is operable to vary a simulated stiffness of said pseudo vein.
- **8.** The apparatus of claim 4 wherein said pseudo vein can be felt, but is not visually discernable, beneath said pseudo skin.
- **9.** The apparatus of claim 4 wherein said palpation module controllably obscures said pseudo vein under said pseudo skin such that said pseudo vein can be felt, or not felt, as desired.

- **10.** The apparatus of claim 4 wherein, when said user applies a sufficient amount of force to said pseudo vein, it cannot be felt.
- **11.** The apparatus of claim 1 wherein said palpation module generates a force that opposes downward motion of said pseudo vein.
- **12.** The apparatus of claim 11 wherein a magnitude of said force is substantially constant during application of said force.
- **13.** The apparatus of claim 12 wherein said magnitude of said force can be varied, but is constant during application.
- **14.** The apparatus of claim 11 wherein said force is a magnetic force.
- **15.** The apparatus of claim 14 wherein at a minimum magnitude, said magnetic force is slightly greater than the gravitational force.
- **16.** The apparatus of claim 14 wherein said magnetic force is generated by an interaction of a magnetic field that is generated by an energized coil with a magnetic field that is generated by a permanent magnet.
- 17. The apparatus of claim 3 wherein said palpation module generates a magnetic force that opposes downward motion of said pseudo vein, and wherein said simulated stiffness of said pseudo vein is varied by changing a magnitude of said magnetic force.
- **18.** The apparatus of claim 4 wherein said pseudo vein yields to applied occlusion pressure, such that it moves downward, wherein downward movement is used as an indicator that an occlusion technique has been performed.
- **19.** The apparatus of claim 1 further comprising a skin-stretch module, wherein said skin-stretch module is disposed beneath said pseudo skin, and wherein said skin-stretch module measures an amount by which said user stretches said pseudo skin.

- **20.** The apparatus of claim 2 further comprising a data processing system, wherein said palpation module generates a signal that is indicative of said change in position of said pseudo vein, and wherein said data processing system receives said signal.
- **21**. An apparatus comprising:
 - a rigid housing;
 - a first opening in said housing; and
- a palpation module, wherein said palpation module is disposed within said housing beneath said first opening, and wherein said palpation module enables a user to palpate a pseudo vein.
- **22.** The apparatus of claim 21 further comprising pseudo skin, wherein said pseudo skin is disposed above said palpation module.
- **23.** The apparatus of claim 22 wherein said pseudo skin obscures said pseudo vein from view of said user.
- **24.** The apparatus of claim 21 further comprising:
 - a second opening in said housing; and
- a skin-stretch module, wherein said skin-stretch module is disposed within said housing beneath said pseudo skin and beneath said second opening, and wherein said skin-stretch module measures an amount by which said user stretches said pseudo skin.
- **25.** The apparatus of claim 21 further comprising a needle/catheter module, wherein a portion of said needle/catheter module is inserted into said housing during a simulated vascular-access procedure.
- **26.** The apparatus of claim 21 further comprising an electronics/communications interface, wherein said electronics/communications interface is disposed within said housing, and wherein said electronics/communications interface electrically couples said palpation module to a data processing system.
- 27. An apparatus comprising a palpation module, wherein said palpation module comprises:

a pseudo vein; and

an arrangement for generating a first force, wherein said first force opposes a second force, wherein said second force is applied to said pseudo vein by a user.

- **28.** The apparatus of claim 27 wherein said first force is magnetic.
- **29.** The apparatus of claim 27 said first force is generated by the interaction of two magnetic fields.
- **30**. The apparatus of claim 27 wherein said pseudo vein comprises a rigid member.
- **31.** The apparatus of claim 27 wherein a magnitude of said first force is adjustable.
- **32.** The apparatus of claim 27 wherein said palpation module further comprises: a first plate, wherein said pseudo vein is disposed on said first plate, and wherein said first plate is movable toward a second plate; and

said second plate, wherein said second plate is disposed above said first plate in a fixed position, and wherein said second plate has an opening that is dimensioned and located to receive said pseudo vein.

- **33.** The apparatus of claim 32 further comprising a sensor, wherein said sensor generates a signal that is indicative of a distance between said first plate and said second plate.
- **34.** The apparatus of claim 27 further comprising pseudo skin, wherein said pseudo vein is disposed beneath said pseudo skin.
- **35.** The apparatus of claim 34 wherein said pseudo skin visually obscures said pseudo vein.
- **36.** The apparatus of claim 34 further comprising a housing, wherein said palpation module is disposed within said housing.

- **37.** The apparatus of claim 36 wherein said housing comprises an opening, wherein said opening defines a palpation/occlusion region, and wherein said palpation module is disposed beneath said palpation/occlusion region.
- **38.** An apparatus comprising a palpation module, wherein said palpation module enables a user to conduct a palpation procedure on a pseudo vein, wherein said pseudo vein is visually obscured by pseudo skin.